

CLAIMS

We claim:

1. A saw blade for a reciprocating power saw, comprising:
  - 2 a flat, elongated mounting arm having a saw mounting end adapted for attachment to the reciprocating saw and having a second end;
  - 5 a flat, elongated connector arm having a first end attached to the second end of the mounting arm, the connector arm and the mounting arm forming a dihedral angle of about 90°; and
  - 8 a flat, elongated cutting blade having a first end connected to the second end of the connector arm and having a second end, the cutting blade having a first cutting edge defined by a plurality of teeth, the cutting blade and the connector arm forming a dihedral angle of about 90°, the cutting blade and the mounting arm being parallel to each other and extending in opposite directions from the connector arm;
  - 15 whereby the cutting blade is capable of being placed flush against one surface of a 90° corner in order to cut around the corner, the cutting blade being offset from the mounting arm by a distance substantially equal to the length of the connector arm.
- 1 2. The saw blade according to claim 1, wherein said cutting blade includes a second a cutting edge defined by a plurality of

3 teeth, said second cutting edge being located on the edge opposite  
4 the first cutting edge.

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1 3. The saw blade according to claim 1, further comprising a first  
2 stabilizer attached to said mounting arm and said connector arm.

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1 3. The saw blade according to claim 2, wherein said first  
2 stabilizer is a gusset plate.

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1 4. The saw blade according to claim 1, further comprising a  
2 second stabilizer attached to said connector arm and cutting  
3 plate.

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1 5. The saw blade according to claim 4, further comprising a  
2 reinforcing rib attached to a side of said cutting blade opposite  
3 to said gusset plate.

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1 6. The saw blade according to claim 4, wherein said second  
2 stabilizer is a gusset plate.

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1 7. The saw blade according to claim 4, further comprising a first  
2 stabilizer attached to said mounting arm and said connector arm.

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1 8. The saw blade according to claim 7, wherein said first  
2 stabilizer is a gusset plate.

1       9. The saw blade according to claim 8, wherein said gusset  
2 plates are located in a transversely centrally aligned position  
3 within said connector plate.

4       10. In combination, a saw blade and a reciprocating power saw,  
5 comprising:

6              a flat, elongated mounting arm having a saw mounting end  
7 adapted for attachment to said reciprocating saw and having a  
8 second end;

9              a flat, elongated connector arm having a first end attached  
10 to the second end of the mounting arm, the connector arm and the  
11 mounting arm forming a dihedral angle of about 90°; and

12             a flat, elongated cutting blade having a first end connected  
13 to the second end of the connector arm and having a second end,  
14 the cutting blade having a cutting edge defined by a plurality of  
15 teeth, the cutting blade and the connector arm forming a dihedral  
16 angle of about 90°, the cutting blade and the mounting arm being  
17 parallel to each other and extending in opposite directions from  
18 the connector arm;

19             whereby the cutting blade is capable of being placed flush  
20 against one surface of a 90° corner in order to cut around the  
21 corner, the cutting blade being offset from the mounting arm by a  
22 distance substantially equal to the length of the connector arm.

- 1       11. The combination according to claim 10, wherein said cutting  
2       blade includes a second a cutting edge defined by a plurality of  
3       teeth, said second cutting edge being located on the edge opposite  
4       the first cutting edge.
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- 1       12. The combination according to claim 10, further comprising a  
2       first stabilizer attached to said mounting arm and said connector  
3       arm.
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- 1       13. The combination according to claim 12, wherein said first  
2       stabilizer is a gusset plate.
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- 1       14. The combination according to claim 10, further comprising a  
2       second stabilizer attached to said connector arm and cutting  
3       plate.
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- 1       15. The combination according to claim 14, further comprising a  
2       reinforcing rib attached to a side of said cutting blade opposite  
3       to said gusset plate.
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- 1       16. The combination according to claim 14, wherein said second  
2       stabilizer is a gusset plate.
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- 1       17. The combination according to claim 14, further comprising a  
2       first stabilizer attached to said mounting arm and said connector  
3       arm.

1       18. The combination according to claim 17, wherein said first  
2       stabilizer is a gusset plate.

1       19. The combination according to claim 18, wherein said gusset  
2       plates are located in a transversely centrally aligned position  
3       within said connector plate.

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